

Seq List.ST25
SEQUENCE LISTING

<110> Emtage, Peter C.R.

<120> METHODS OF THERAPY AND DIAGNOSIS USING TARGETING OF CELLS THAT EXPRESS P2Y10

<130> NUV0-07

<140> Not yet assigned

<141> 2003-08-25

<150> 10/304,234

<151> 2002-11-26

<150> 60/339,453

<151> 2001-12-11

<150> 10/128,558

<151> 2002-04-22

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 1670

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (279)..(1298)

<223>

<400> 1

tgccgcagag taaagctttc taccctttac tccctgcaaa gaaacaagag tgcttatccc	60
agctaagctc caggtaatgt tatcatgaca gtttcaactt ttagaccaca ggcaaatgct	120
ttgttaaaac tctatgctgg tcattccctt caggatttgg cactcaccaa catacccttc	180
tttcaagtga aaaggcatct cttttaatgg tcctgacctt tggaatagga agcatgtacc	240
ctggacagag cacttcaaac tagaggaacc ataaatcc atg gct aac ctt gac aaa	296
Met Ala Asn Leu Asp Lys	
1 5	
tac act gaa aca ttc aag atg ggt agc aac agt acc agc act gct gag	344
Tyr Thr Glu Thr Phe Lys Met Gly Ser Asn Ser Thr Ser Thr Ala Glu	
10 15 20	
att tac tgt aat gtc act aat gtg aaa ttt caa tac tcc ctc tat gca	392
Ile Tyr Cys Asn Val Thr Asn Val Lys Phe Gln Tyr Ser Leu Tyr Ala	
25 30 35	
acc acc tat atc ctc ata ttc att cct ggt ctt ctg gct aac agt gca	440
Thr Thr Tyr Ile Leu Ile Phe Ile Pro Gly Leu Leu Ala Asn Ser Ala	
40 45 50	
gcc ttg tgg gtt ctg tgc cgc ttc atc agc aag aaa aat aaa gcc atc	488
Ala Leu Trp Val Leu Cys Arg Phe Ile Ser Lys Lys Asn Lys Ala Ile	
55 60 65 70	

Seq List.ST25

att ttc atg atc aac ctc tct gtg gct gac ctt gct cat gta tta tct Ile Phe Met Ile Asn Leu Ser Val Ala Asp Leu Ala His Val Leu Ser 75 80 85	536
tta ccc ctc cgg att tac tat tac atc agc cac cac tgg cct ttc cag Leu Pro Leu Arg Ile Tyr Tyr Tyr Ile Ser His His Trp Pro Phe Gln 90 95 100	584
aga gcc ctt tgc ctg ctc tgc ttc tac ctg aag tat ctc aac atg tat Arg Ala Leu Cys Leu Leu Cys Phe Tyr Leu Lys Tyr Leu Asn Met Tyr 105 110 115	632
gcc agc att tgt ttc ctg acg tgc atc agt ctt caa agg tgc ttt ttt Ala Ser Ile Cys Phe Leu Thr 125 Cys Ile Ser Leu Gln Arg Cys Phe Phe 120 130	680
ctc ctc aag ccc ttc agg gcc aga gac tgg aag cgt agg tac gat gtg Leu Leu Lys Pro Phe Arg Ala Arg Asp Trp Lys Arg Arg Tyr Asp Val 135 140 145 150	728
ggc atc agt gct gcc atc tgg atc gtt gtg ggg act gcc tgt ttg cca Gly Ile Ser Ala Ala Ile Trp Ile Val Val Gly Thr Ala Cys Leu Pro 155 160 165	776
ttt ccc atc ctg aga agc aca gac tta aac aac aac aag tcc tgc ttt Phe Pro Ile Leu Arg Ser Thr Asp Leu Asn Asn Asn Lys Ser Cys Phe 170 175 180	824
gct gat ctt gga tac aag caa atg aat gca gtt gcg ttg gtc ggg atg Ala Asp Leu Gly Tyr Lys Gln Met Asn Ala Val Ala Leu Val Gly Met 185 190 195	872
att aca gtt gct gag ctt gca gga ttt gtg atc cca gtg atc atc atc Ile Thr Val Ala Glu Leu Ala Gly Phe Val Ile Pro Val Ile Ile Ile 200 205 210	920
gca tgg tgt acc tgg aaa act act ata tcc ttg aga cag cca cca atg Ala Trp Cys Thr Trp Lys Thr Thr Ile Ser Leu Arg Gln Pro Pro Met 215 220 225 230	968
gct ttc caa ggg atc agt gag agg cag aaa gca ctg cgg atg gtg ttc Ala Phe Gln Gly Ile Ser Glu Arg Gln Lys Ala Leu Arg Met Val Phe 235 240 245	1016
atg tgt gct gca gtc ttc ttc atc tgc ttc act ccc tat cat att aac Met Cys Ala Ala Val Phe Phe Ile Cys Phe Thr Pro Tyr His Ile Asn 250 255 260	1064
ttt att ttt tac acc atg gta aag gaa acc atc att agc agt tgt ccc Phe Ile Phe Tyr Thr Met Val Lys Glu Thr Ile Ile Ser Ser Cys Pro 265 270 275	1112
gtt gtc cga atc gca ctg tat ttc cac cct ttt tgc ctg tgc ctt gca Val Val Arg Ile Ala Leu Tyr 285 Phe His Pro Phe Cys 290 Leu Cys Ala 280 285 290	1160
agt ctc tgc tgc ctt ttg gat cca att ctt tat tac ttt atg gct tca Ser Leu Cys Cys Leu Leu Asp Pro Ile Leu Tyr 305 Tyr Phe Met Ala Ser 295 300 310	1208
gag ttt cgt gac caa cta tcc cgc cat ggc agt tct gtg acc cgc tcc Glu Phe Arg Asp Gln Leu Ser Arg His Gly Ser Ser Val Thr Arg Ser 315 320 325	1256

Seq List.ST25

cgc ctc atg agc aag gag agt ggt tca tca atg att ggc taa 1298
 Arg Leu Met Ser Lys Glu Ser Gly Ser Ser Met Ile Gly
 330 335
 aattaagata tctctttaat tacgcctttg tttacctacg tttcttgtct ttttccaaag 1358
 gccagaattg tcaaccaatt tctttaattg aacattgtaa aaaacaggaa taagtacttt 1418
 tgtgtaatat tcacagtcaa caggggtgtg atggtgaagg cagagtgtga aaaacgtgag 1478
 agaggaagag aaaatagatt tacctgattc ctctttaaaa ttcaagccac tttcttattt 1538
 aagaaaccta gatcaagttt ttacagatgt aaataaaagt tgaatagttt accttaaatt 1598
 tttttcaata agtaagttat tgtaataat gcacagtaaa tatgtgaatt tttcctagat 1658
 gtaaaaaaaaa aa 1670

<210> 2
 <211> 339
 <212> PRT
 <213> Homo sapiens

<400> 2

Met Ala Asn Leu Asp Lys Tyr Thr Glu Thr Phe Lys Met Gly Ser Asn
 1 5 10 15

Ser Thr Ser Thr Ala Glu Ile Tyr Cys Asn Val Thr Asn Val Lys Phe
 20 25 30

Gln Tyr Ser Leu Tyr Ala Thr Thr Tyr Ile Leu Ile Phe Ile Pro Gly
 35 40 45

Leu Leu Ala Asn Ser Ala Ala Leu Trp Val Leu Cys Arg Phe Ile Ser
 50 55 60

Lys Lys Asn Lys Ala Ile Ile Phe Met Ile Asn Leu Ser Val Ala Asp
 65 70 75 80

Leu Ala His Val Leu Ser Leu Pro Leu Arg Ile Tyr Tyr Tyr Ile Ser
 85 90 95

His His Trp Pro Phe Gln Arg Ala Leu Cys Leu Leu Cys Phe Tyr Leu
 100 105 110

Lys Tyr Leu Asn Met Tyr Ala Ser Ile Cys Phe Leu Thr Cys Ile Ser
 115 120 125

Leu Gln Arg Cys Phe Phe Leu Leu Lys Pro Phe Arg Ala Arg Asp Trp
 130 135 140

Seq List.ST25

Lys Arg Arg Tyr Asp Val Gly Ile Ser Ala Ala Ile Trp Ile Val Val
 145 150 155 160

Gly Thr Ala Cys Leu Pro Phe Pro Ile Leu Arg Ser Thr Asp Leu Asn
 165 170 175

Asn Asn Lys Ser Cys Phe Ala Asp Leu Gly Tyr Lys Gln Met Asn Ala
 180 185 190

Val Ala Leu Val Gly Met Ile Thr Val Ala Glu Leu Ala Gly Phe Val
 195 200 205

Ile Pro Val Ile Ile Ile Ala Trp Cys Thr Trp Lys Thr Thr Ile Ser
 210 215 220

Leu Arg Gln Pro Pro Met Ala Phe Gln Gly Ile Ser Glu Arg Gln Lys
 225 230 235 240

Ala Leu Arg Met Val Phe Met Cys Ala Ala Val Phe Phe Ile Cys Phe
 245 250 255

Thr Pro Tyr His Ile Asn Phe Ile Phe Tyr Thr Met Val Lys Glu Thr
 260 265 270

Ile Ile Ser Ser Cys Pro Val Val Arg Ile Ala Leu Tyr Phe His Pro
 275 280 285

Phe Cys Leu Cys Leu Ala Ser Leu Cys Cys Leu Leu Asp Pro Ile Leu
 290 295 300

Tyr Tyr Phe Met Ala Ser Glu Phe Arg Asp Gln Leu Ser Arg His Gly
 305 310 315 320

Ser Ser Val Thr Arg Ser Arg Leu Met Ser Lys Glu Ser Gly Ser Ser
 325 330 335

Met Ile Gly

<210> 3
 <211> 24
 <212> DNA
 <213> Homo sapiens

<400> 3
 ccttgtaggt tctgtgccgc ttca

24

<210> 4
 <211> 25

Seq List.ST25

<212> DNA
<213> Homo sapiens

<400> 4
gcaaagggct ctctggaaag gccag

25